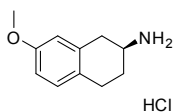




Certificate of Analysis

Axon Catalogue ID: 1056 **Batch Number:** 1
Product Name: (S)-7-Methoxy-2-aminotetraline hydrochloride
Alternative Name(s): (S)-7-MeO-DPAT hydrochloride
IUPAC Name: (S)-7-Methoxy-1,2,3,4-tetrahydronaphthalen-2-amine hydrochloride

Structure:



Amount:

CAS number(s): 121216-42-0 (parent), 158223-16-6 (HCl salt (1:1))
Molecular Formula: C₁₁H₁₅NO.HCl **Molecular Weight:** 213.70
Batch Molecular Formula: C₁₁H₁₅NO.HCl **Batch Molecular Weight:** 213.70
Appearance: White solid **Observed mp:** >200 °C
TLC (R_f): 0.25 DCM/MeOH (9:1)
Chemical Purity: 97.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 61.82, H 7.55, N 6.55; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	9.4	44.0	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	21.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 26-01-2016

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only